Applicants : Jacob Bar-Tana and Ihor Bekersky

Serial No. : 10/585,017

Filed : June 28, 2008

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## Amendments to the Claims:

Pursuant to 37 C.F.R. \$1.121(c), this listing of claims will replace all prior versions, and listings, of claims in the application:

## 1-10. (Canceled)

11. (Currently Amended) A method for the treatment of dyslipoproteinemia in a human subject in need thereof comprising periodically orally administering to the human subject 3,3,14,14-tetramethylhexadecane-1,16-dioic acid in a range from about [[30]] 100 mg per day to about 400 mg per day.

## 12-22. (Canceled)

- 23. (Previously Presented) The method of claim 11, wherein the amount is from about 200 mg per day to about 400 mg per day.
- 24. (Currently Amended) The method of claim 11, wherein the human subject is a female and the amount is from about 30 mg per day to about 400 mg per day.
- 25. (Previously Presented) The method of claim 11, wherein the periodic administration is effected twice daily.
- 26. (Previously Presented) The method of claim 11, wherein the periodic administration is effected three times daily.
- 27. (Previously Presented) The method of claim 11, wherein the periodic administration is effected at least once daily for at least 14 days.

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28. (Previously Presented) The method of claim 11, wherein the periodic administration is effected at least once daily for at least 21 days.

- 29. (Previously Presented) The method of claim 11, wherein the periodic administration is effected at least once daily for at least 30 days.
- 30. (Previously Presented) The method of claim 11, wherein the amount is from about 100 mg per day to about 200 mg per day.
- 31. (Previously Presented) The method of claim 11, wherein the amount is about 200 mg per day.